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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/619,974	07/15/2003	Yi-Chung Chao	TELV-P001	7829

7590 03/10/2004

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2033 Ralston Ave., #146
Belmont, CA 94002

EXAMINER

TO, TUAN C

ART UNIT	PAPER NUMBER
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3663

DATE MAILED: 03/10/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

9

Office Action Summary	Application No. 10/619,974	Applicant(s) CHAO ET AL.	
	Examiner Tuan C To	Art Unit 3663	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 15 July 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-49 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-49 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 15 July 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for a patent.

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

Claims 1-49 are rejected under 35 U.S.C. 102(e) as being anticipated by Pechatnikov et al. (US 20040030493A1).

Claims 1, 23, and 38: With respect to the subject matter of claim 1, the reference to Pechatnikov et al. has been cited as teaching a typical navigation system using corridor maps which is similar to the present invention, wherein said system comprises a client and a remote server as claimed (see abstract). The invention of Pechatnikov et al. includes a method of providing map and navigation guidance to a user via the client comprising the following steps: "selecting a destination wherein a user selects the destination" (see page 1, paragraph 0008), "determining a user's initial position via the server" (see page 1, paragraph 0008), "calculating a nominal route to the destination via the server" (see page 1, paragraph 0008), "sending information from the server to the client wherein the information comprises navigation information related to the nominal route and mapping information of a corridor area surrounding the nominal route" (see

Art Unit: 3663

page 1, paragraph 0008; page 2, paragraph 0028 and paragraph 0029), "providing navigation guidance to the user, wherein the navigation guidance is provided from the client to the user, and monitoring any user deviation from the nominal route" (see page 3, paragraph 0037; page 4, paragraph 0056).

Claims 2-4: With navigation system taught by Pechatnikov et al, one user is able to select a destination from a list of user's most recent destination, a pre-planned trip itinerary, and also an address book list.

Claim 5: Pechatnikov et al. also teaches that the user's initial position does not constitute a map address.

Claims 6-10, 12, and 13: It is noted that the server disclosed in Pechatnikov et al. receives the request from the client and provide a map showing the routes on which a user is going to travel, including a heading of the user is also determined, and said routes from the starting point to a destination including a sequence of route segments.

Claims 11, 14, and 24: As disclosed in Pechatnikov et al, a corridor map including a plurality of map segments is provided to the client (see page 4, paragraph 0056).

Claim 15: As discussed in Pechatnikov et al's, the corridor map shows the preferred route or routes within the designated area.

Claims 16-22, and 31-37: Pechatnikov et al. basically discloses the case when the user deviates from the current route. In such the case, a new route or a new navigation instruction would be established.

Claims 25-28: On page 2, paragraph 0033, the method of request a route from the server also comprises the step of submitting a request from the client device to the server for updated information regarding the route.

Claims 29 and 30: According to Pechatnikov et al, in the case of off-route, one user is able to guide to the destination by the new navigation instruction with new routes.

Claims 39 and 44: With respect to the subject matter of claim 39, the reference to Pechatnikov et al. has been provided as teaching a server for receiving a request from the client device to provide either a map of a travel route or the vector coordinates, and said server receives the routing request from the client. According to Pechatnikov et al., the method of displaying a map on a mobile client device, comprising the step of downloading to the client device from the server a portion of the map data corresponding to the area along the route and including the transformed vector coordinates.

Claims 40, 41, 45, and 46: As disclosed in the "summary of the invention" section of Pechatnikov et al, the low-speed wireless link to a client device is a typical PDA.

Claims 42, 43, and 47-49: As graphically shown in figure 2A of Pechatnikov et al, the gateway is coupled to the wireless carrier for receiving the routing request from the wireless carrier and also coupled to the server for relaying the routing request from wireless carrier to the server. The PDA as mentioned above communicates with server (206) via the processor (204) and via the Internet.

Conclusions

The prior art made of record, which are listed in PTO-892, and not relied upon are considered pertinent to applicant's disclosure includes the following: Kainuma et al.'s, Nimura's, Fukushima et al.'s, Nagamune's, Sugiyama et al.'s, Takayama et al.'s, Ito's, and Draeger et al.'s.

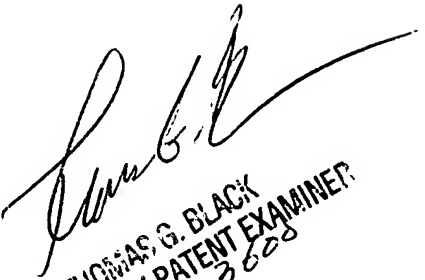
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tuan C To whose telephone number is (703) 308-6273. The examiner can normally be reached on from 8:00AM to 5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thomas Black can be reached on (703) 305-8233. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 305-7687 for regular communications and none for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-1113.

/tc

March 5, 2004



THOMAS G. BLACK
SUPERVISORY PATENT EXAMINER
GROUP 3628